



SEQ

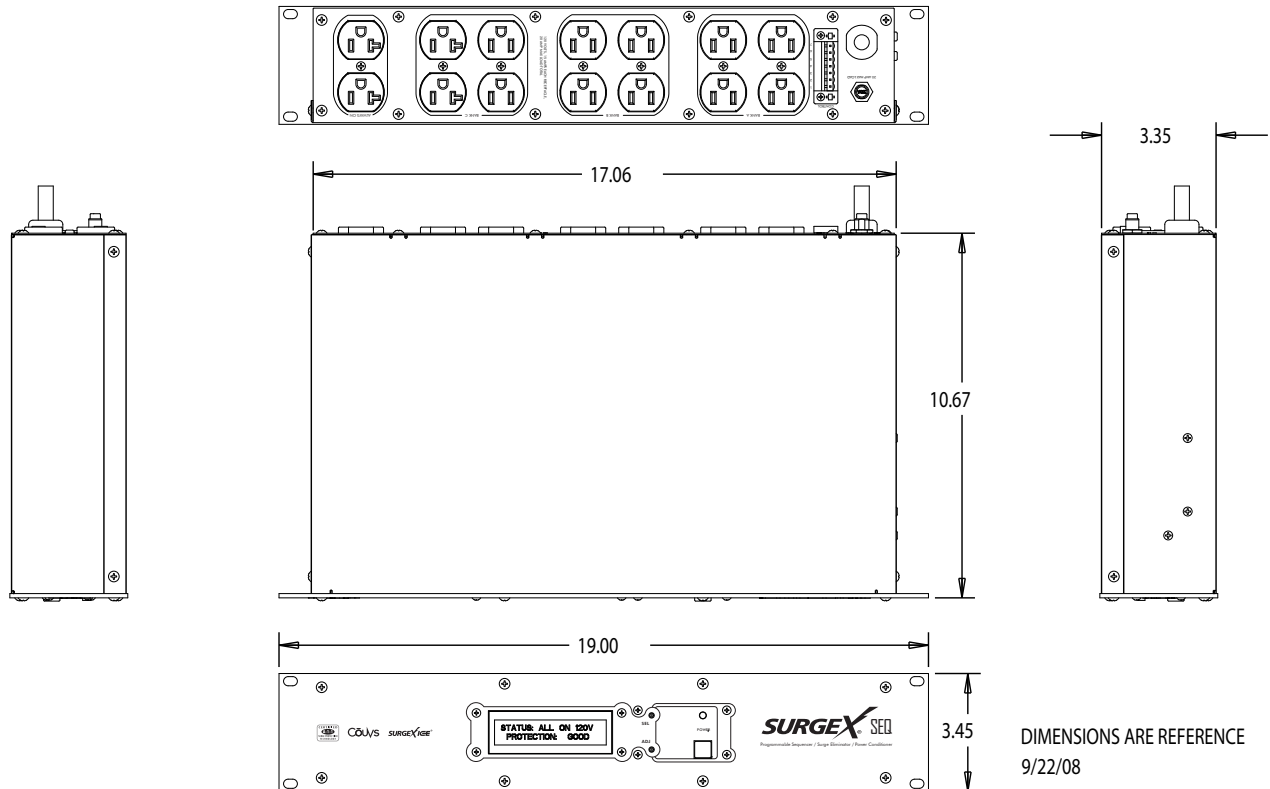
TECHNICAL DESCRIPTION

The SEQ shall be a two-rack-space unit in a magnetic shielding steel enclosure. It shall operate from 120 volts AC and have a 9-foot, grounded, 3-wire #12 line cord. There shall be 12 grounded AC receptacles in three banks of four on the rear panel, each bank sequenced from the previous bank by an adjustable 0 - 40 second delay, and two receptacles always on. There shall be an LCD display that shows unit status and AC line voltage, and two screwdriver adjustments to program the unit. Overall dimensions shall be 3.5" H x 19" W x 10.5" D. Weight shall be 16 pounds. The unit shall have remote turn-on capabilities enabled by wired connections to a terminal block. Remote turn-on and turn-off shall be activated by either a contact closure or applied DC voltage. There shall be an output voltage source for connection to a remote LED status indicator and a relay output for control and cascading. The SEQ shall have a load rating of 20 amps at 120 volts, a self-test circuit with visual indicator, and provide EMI/RFI filtering, inrush current elimination, zero-cross switching, and catastrophic over/under-voltage shutdown. It shall withstand at least 1000 occurrences of surge pulse voltages up to 6000 volts.

| SPECIFICATIONS | | SEQ |
|---|------------------------|--|
| Load Rating | | 20A |
| Voltage Rating | | 120V |
| Power Requirement (no load) | | 15 W |
| Surge Let-through Voltage (6000 Volt Surge) | | 0 Volts |
| Maximum Applied Surge Voltage | | 6000 Volts * |
| Maximum Applied Surge Current | | Unlimited (due to current limiting) * |
| Maximum Applied Surge Energy | | Unlimited (due to current limiting) * |
| Endurance (C62.41-1991 category B3 pulses) | | 1 KV > 500,000; 3 KV > 10,000; 6 KV > 1000 |
| EMI/RFI Filter | Normal mode (50Ω load) | > 20 dB, 11 kHz – 50 MHz > 30 dB, 80 kHz – 50 MHz 37 dB @ 100 kHz; 55 dB @ 300 kHz; 57 dB @ 3 MHz; 46 dB @ 30 MHz |
| | Common Mode (50Ω load) | > 10 dB, 90 kHz – 50 MHz > 20 dB, 240 kHz – 50 MHz > 30 dB, 700 kHz – 50 MHz 23 dB @ 300 kHz; 33 dB @ 1 MHz; 44 dB @ 5 MHz; 44 dB @ 20 MHz |
| Under-Voltage Auto Shutdown | | Adjustable from 90V to 110V. Default 90V. |
| Over-Voltage Auto Shutdown | | Adjustable from 130V to 150V. Default 150V. |
| Over-Current Auto Shutdown | | Circuit Breaker |
| Over-Temperature Auto Shutdown | | None |
| Measurement Accuracy | Voltage | ±2% Typical product accuracy |
| | Current | NA |
| | Power | NA |
| | Energy | NA |
| | Temperature | NA |
| Network Port | | No |
| Serial Port | | None |
| Temperature Sensor Input | | None |
| Auxiliary Relay Outputs | | 2 x screw terminal |
| Contact Closure Input | | 2 x screw terminal |
| Dimensions | | 3.5" H x 19.0" W x 10.5" D |
| Weight | | 16 lbs |
| Temperature Range: | | 5C to 35C |
| Humidity Range | | 5% to 95% R.H. Non-condensing |
| Agency Listings | | Conforms to UL Stds 1283 & 1449 Certified to CSA Std C22.2 No. 8 |

* 1.2 x 50 microsecond industry standard combination wave surge as per IEEE C62.41

** Specifications subject to change without notice
SPECS v.030118



DIMENSIONS ARE REFERENCE
9/22/08